

David A. Finley

**Education:**

1978 Ph.D. Purdue University / Fermilab E357

1972-1974 US Army Officer

1970 B.S. Purdue University

Dissertation: "**Measurements of Two Particle Production in 400 GeV/c Proton-Nucleus Collisions** "

**Positions Held:**

Postdoctoral Research Associate, SUNY Stony Brook (Fermilab E605)

Fermilab Staff Scientist

**Research Activities and Service work:**

The following are excerpts from

<http://tdserver1.fnal.gov/Finley/040710FinleyUECinfo.pdf>

- Postdoctoral research was devoted to bringing Fermilab E605 from concept to reality.
- In 1981, my career continued at Fermilab. The first service work was to lead the group that arranged the Switchyard to go from handling 400 GeV proton beams from the Main Ring to handling 800 GeV beams for the Tevatron fixed target program.
- Service work at Fermilab continued with setting up and leading an operational organization to achieve the first Tevatron proton-antiproton collisions at CDF yielding the initial few events in the Tevatron collider program.
- I took care of the day to day activities of the Accelerator / Beams Division while the Main Injector project was being done by others, and during this time both the top quark and tau neutrino were discovered.
- In more recent years, beam R&D activities included a survey of future possibilities including acceleration techniques using plasmas and lasers, providing muon beams intense enough for particle physics, as well as high-energy proton or electron beams using evolutionary paths based on more traditional technologies.
- Recent service in an advisory role to the Director has included chairing two committees ... composed of users and accelerator people.
- In December 2002, I joined MiniBooNE as my attention shifted to neutrinos, in all their roles.

**Statement:**

The essence of Fermilab's mission is: "provide leadership and resources for qualified researchers". I believe the role of people on the UEC is to understand the issues that are important for all of Fermilab's Users, and then to act as advocates for the Users' overall benefit. Thirty years ago marked the beginning of a few good years of several very exciting discoveries in particle physics, and recently there have been several cosmological discoveries that are just as exciting. Although our science continues to evolve, many User needs and issues important to Users remain, and new ones emerge. If elected to the UEC, I will strive to do what I can to make Fermilab the attractive and obvious choice for doing our kind of science. (I'll probably do the same even if I'm not elected, of course.)